

DRAWINGS

FIG. 1

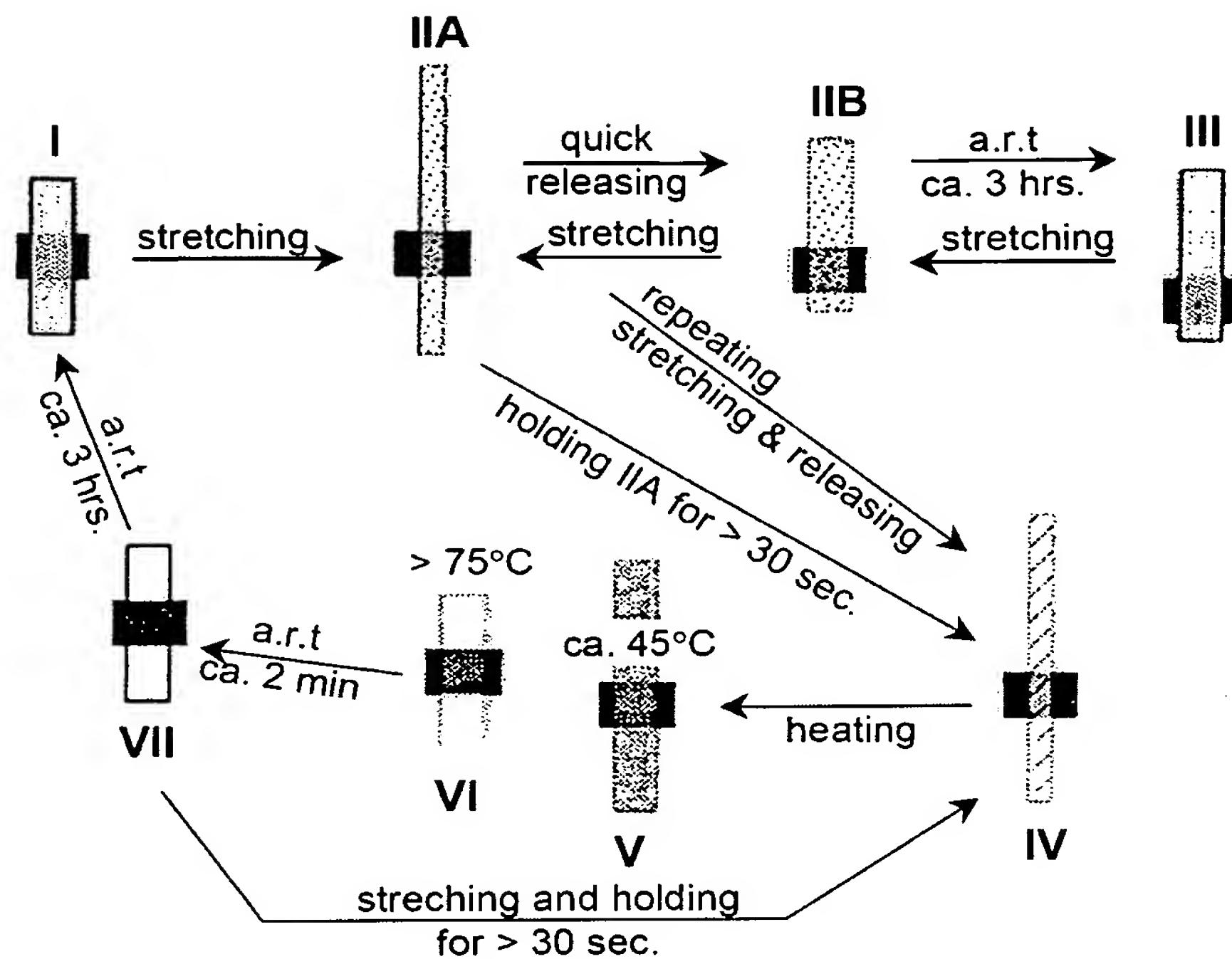
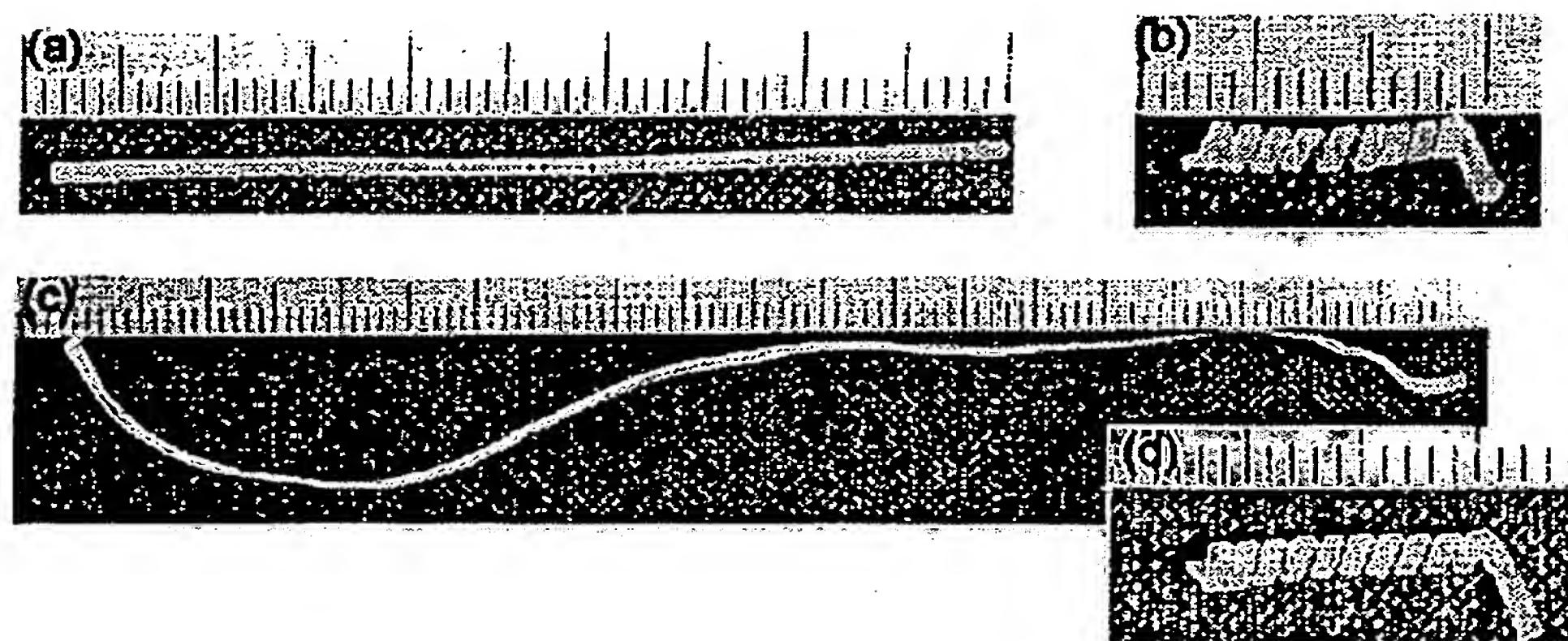


FIG. 2



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FIG. 3

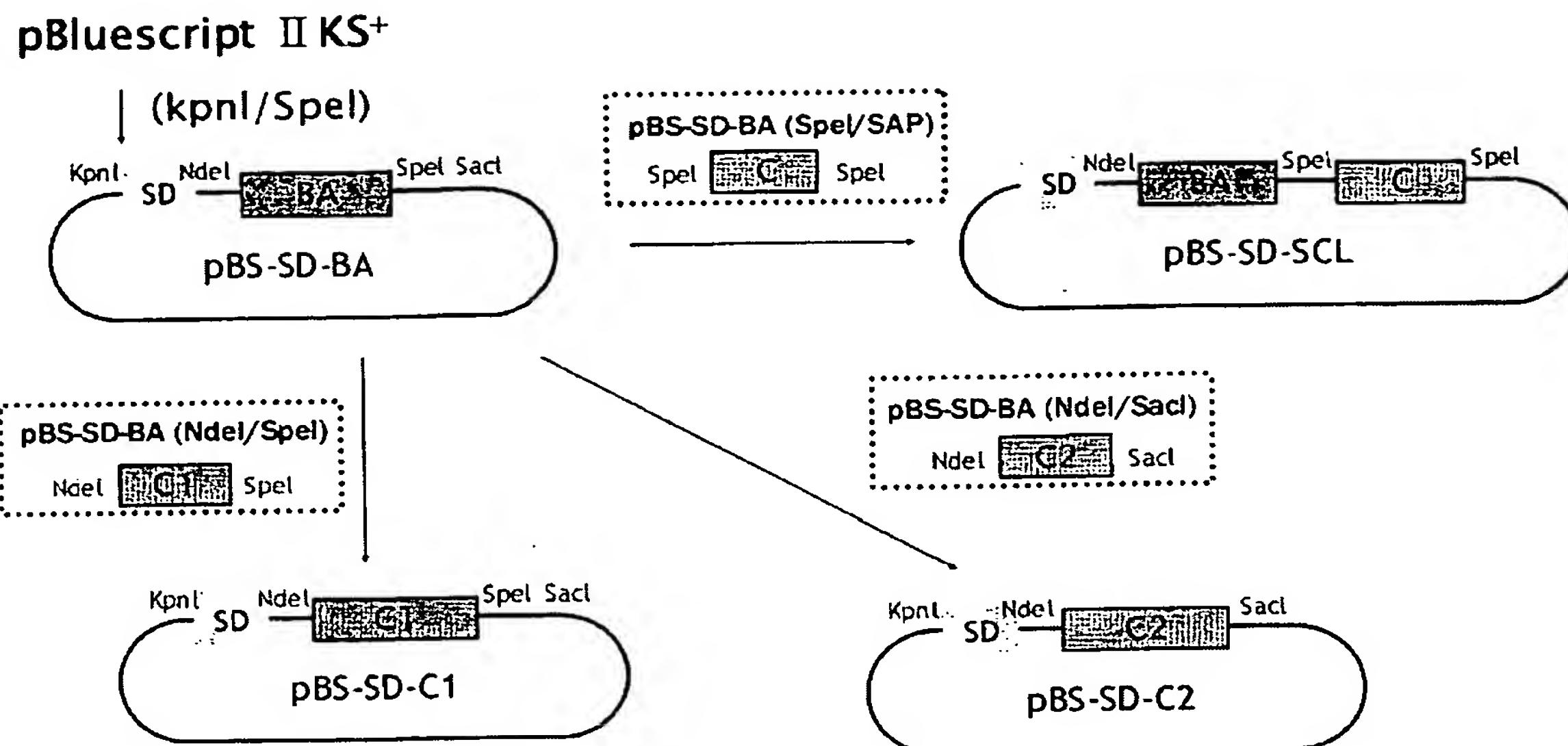
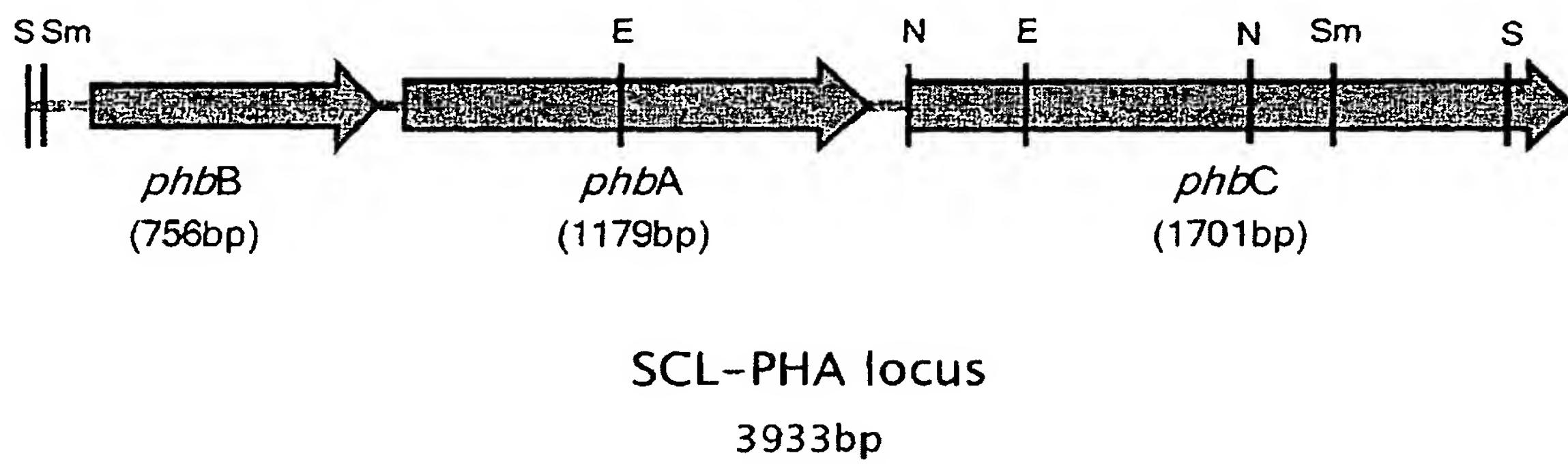


FIG. 4



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phbC locus

FIG. 5

<p>1 GAGCTCAATG CGGCCAGGA CTGGTGTGGC AGGACAAACCC CCCGTCACCC GGKGCACATTCG TTACATCG CAAGGGCA GAGACTTGCC AGCTCTCCA AGGTCTTAAT TAACGAGGA</p>	<p><i>phbB</i> →</p>	<p>M G T A S N A A R I A L V T G G M G G 1 G T A I S Q R L H R D G F T V V V G 121 TGGTTAATKG GTACTGGAG CAATGGGCA CGTATAGCTC TGGTACCCG TGGTATGGCC CGTATGGTA CGGGCATCG CCAGGGCTG CATGGGATG GCTCACCGT GGTGGTGGC C N P Y S S R K A S W I A T Q L E A G F H F C 1 D C D I T D W D S T R Q A F D 241 TGTAAATCCCT ACTCCAGGG CAAGGCTTC TGGATGGCCA CGCAACTCGA GGCGGACTT CACTTCACG GCATGACTG CGATTCACG GACTGGATA GCACCCGCCA GCCCTTCGAC M V H E T V G P I D V L V N N A G I T R D G T F R K M S P E N W K A V I D T N L 361 ATGGTGCAG AGACTGTCGG CCCGATCGAT GTATGGTCA ACATGGCGG CATACCCGC GACGGGACTT TCCGCAAGAT GTCCGAAAGT TCCGCAAGAT GTCCGAAAGG CGGTGATCGA TACCAATCTC T G L F N T T K Q V I E G N L A K G W G R V I N I S S 1 N G Q R G Q F G Q 481 ACCGGCTGT TCAAACAAC CAAGGAGTC ATGGAGGCA TGGTGGCAA GGCGTGGGA CGCGTCATCA ACATCTCCTC AAATCAATGGC CAGGGAGGCC AGTTCGGGC GACCAACTAC S A X K A G I H G F S N A L A R E V S G K G V T V N T V S P G Y I K T D M T A A 601 TCGGGGNC AGGCTGGCAT TCAATGGCTT AGGATGGCTT TGGATGGCA GGTGAAATAC CGTGAATAC AGGGCGTGA AGGTGATGAGT GGTGAACTCA AGACCGACAT GACCGGGCG I R P D I L E D N I T G I P V G R L G Q P E E I A S I V A W L A S D Q S A Y A T 721 ATTGGCCGG ACATCTCGA AGACATGATT ACTGGATTC CGCGGGCGG TCTGGCCAG TGGCCATCGAT CGTGGCCCTGC CTGGCCCTCG ATAGTCTGC CTATGCCACC</p>
<p>841 G A D F S V N G G W N N Q *</p>	<p><i>phbA</i> →</p>	<p>M I E V V I V A A T R T A I G A F Q G S L A G T P A V E L G A T V I R R L L E Q T A L D S S Q V D E V 961 ACCGGCATCG GGGCTTCGA GGGAGGCTG GCGGGACTC CGGGCTGCA ACTGGCGGC ACGGTATCC GCGGCCTGCT CGAACAGACC GCTCTGGATA GGAGTCAGGT GGATGAAGTG I L G H V L T A G A G R I P L A R X X V I A G L P H A V P A M T L N K V C G S G 1081 ATACTGGCC ACGTACTCAC CGCCCGTGTG GGGAGAATAC CGCTGGCAAG GCANCGCTC ATGCCCGGCC TGCCACACCG CGTACCGGCG ATGACCTGA ACAAGGTCTG TGGCTCCGGC L K A L H L G A Q A I R C G D A E V V I A G G M E N N S L S S Y V L P K A R T G 1201 CTGAAAGCCC TGCACCTGG CGGCCAGGCC ATCCGCTGTG GCGATGCCA GGTGTCGATT GCCCGTGGCA TGGAAACAT GAGCTGTGC TCCTATGTCC TGCCAAAGGC CGCGCACCCGC L R W G H A Q L V D S M I V D G L W D A F N D Y H M G I T A E N L V D K Y G I S 1321 CTGGCAGATGG GCCACGGCA GCTGGTGGAC ACCATGATCG TCGACCGCT GTGGACGCC TTCAAGGACT ACCACATGG GATCACTGCC GAGAACCTGG TAGACAAGTA CGGCATCAGC R E A Q D E F A A A S Q Q K A V A A I E T G R F R D E I V P V S I P Q R K G E A 1441 CGCGAAGCCC AGGACGAATT CG CGGCCGCC TGGAGGAGA AAGCCGTCGG CGCCATCGAG ACCGGTGTGCT TCGCGACGA GATGTTCCCG GTGAGGATTC CGGAGGCCA GGGAGGGCG L S F D T D E Q P R A G T T A E S L G K L K P A F K N D G S V T A G N A S S L N 1561 CTGAGGCTCG ACACCGACGA ACACCCACCG CGCGGACCA CGCGGACCA CGTAAACCCG CCTTCAGAA CGACGGCAGC GTTACTGCC GCAAGGCTC CAGTCAC D G A A V L L M S A A K A A L G L P V L A K I A A Y A N A G V D P A I N G I 1681 GAGCGGGCG CGGGGGTACT GCTGATGAGT GGGCAAGGG CCCGACGGCT TGGCTGGCA AGATGGCCG CTACGGCCAAT GCGGGGTGCG ACCGGGGAT CATGGGTATC G P V S A T R S C L E K A G W S L A E L D L I E A N E A F A A Q A L A V G Q E L 1801 GACCGGTGT CGGCCACCCG CAGTGGCTC GAGAGGGGG GCTGAGACTCT GAGAGGGGG GCTGAGACTCT GAGCTGATCG AGGCAATGA AGGCAATCG GACCTCGATCG</p>

FIG. 6